

## Submersible pump for waste water with solids in suspension, grinder system

### Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

### Materials

Pump body in AISI 304.  
 Pump shaft in AISI 420.  
 Suction and discharge in cast iron.  
 Impeller in technopolymer reinforced with steel.  
 Grinder blade in stainless steel.  
 Mechanical seal in aluminium-graphite.  
 O-rings in NBR/EPDM.

### Equipment

Float switch and 10m of cable with plug type F.  
 Internal capacitor.

### Motor

Asynchronous 2 poles.  
 IP68 protection.  
 Class F insulation.  
 Continuous operation.  
 Built-in thermal protection.

### Limitations

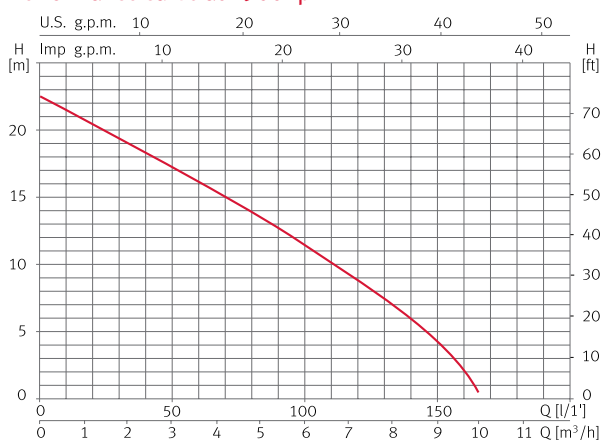
Maximum water temperature: 40°C.  
 Maximum submersion: 7m.



### Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	15	30	50	65	80	100	115	135	Code
	1~230V	1~	[kW]	[HP]		m³/h	0,9	1,8	3,0	3,2	4,8	6,0	6,9	8,1	
Vigicor 150	5,4	1,2	0,9	1,2	16	mwc	21	19,1	17,1	15,5	14	11,4	9,4	6,5	97798

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	Kg
Vigicor 150	396	471	148	151	57	191	1 1/4"	15,5

